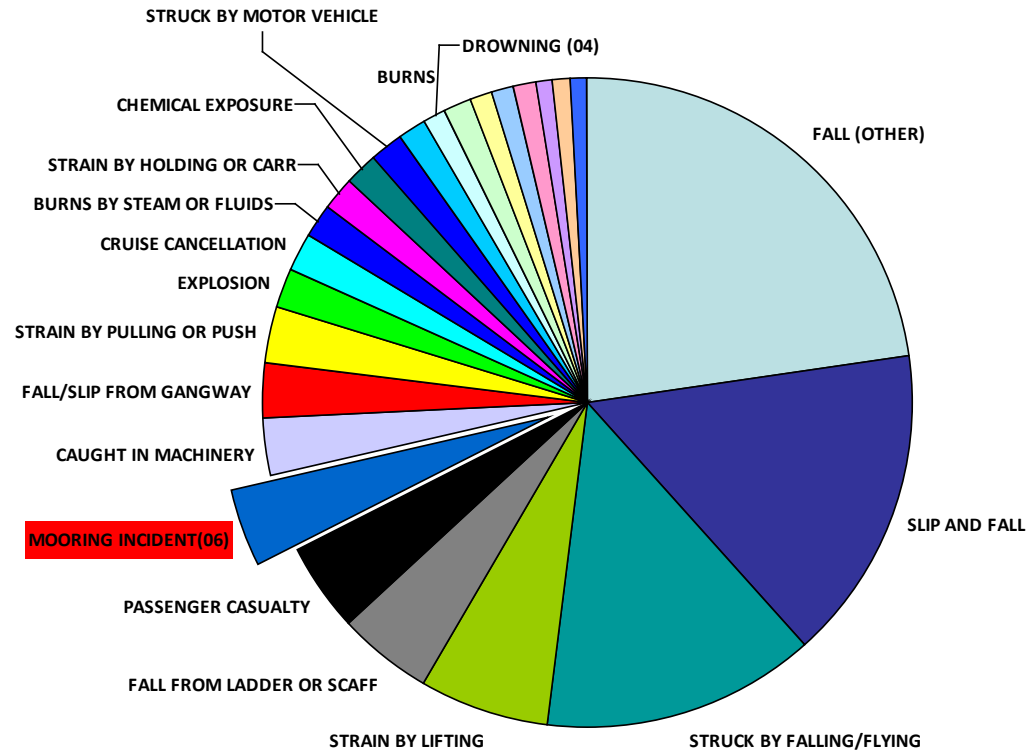


Mooring Incidents



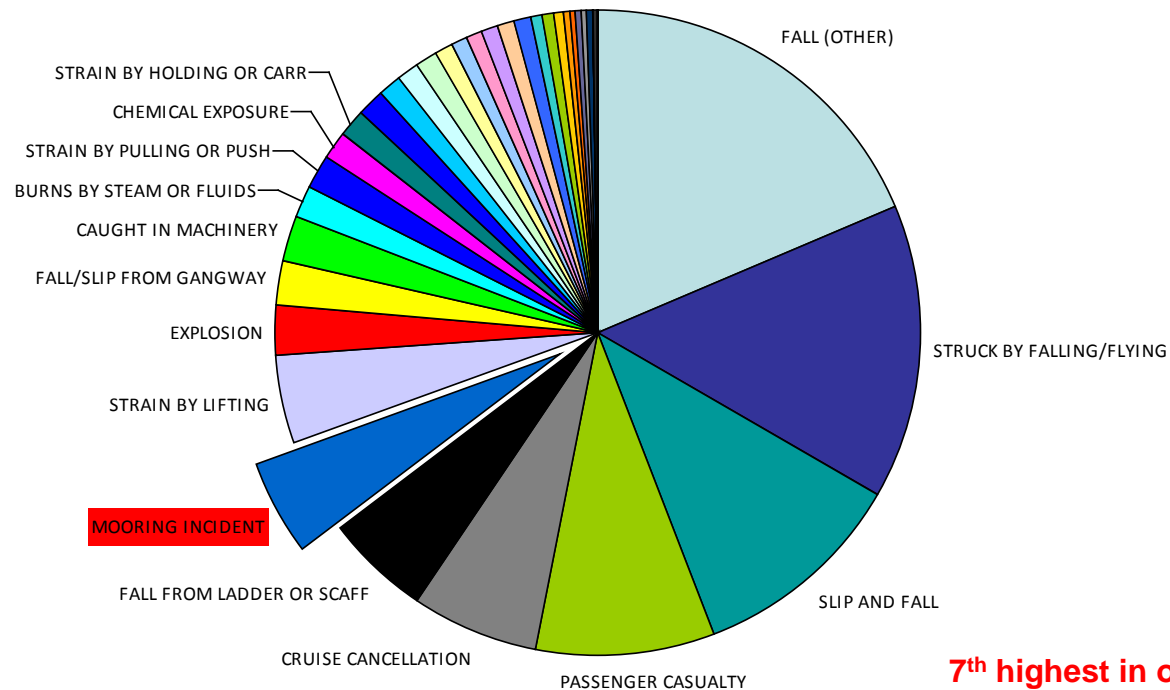
Large Personal Injury Claims by Accident Type (Number)



7th highest in frequency

81 claims value 34.65\$m

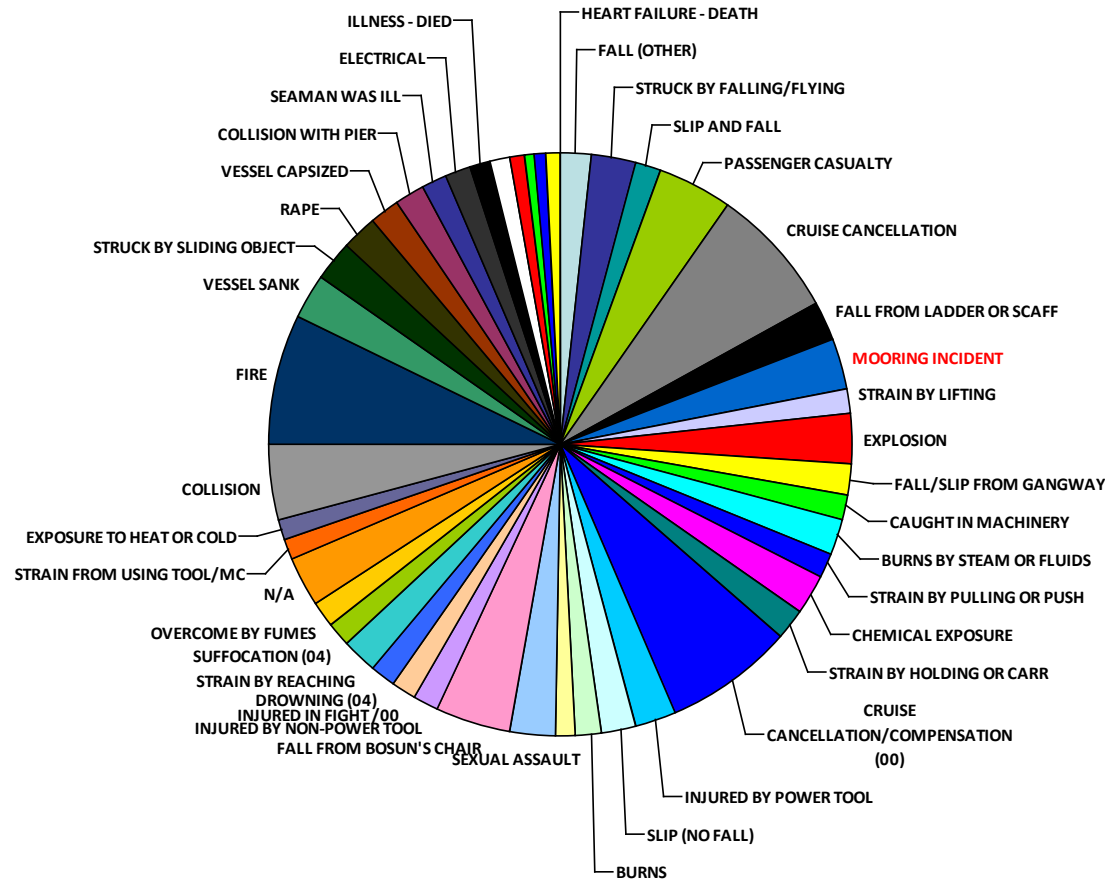
Large Personal Injury Claims by Accident Type (Value)



7th highest in overall cost

81 claims value 34.65\$m

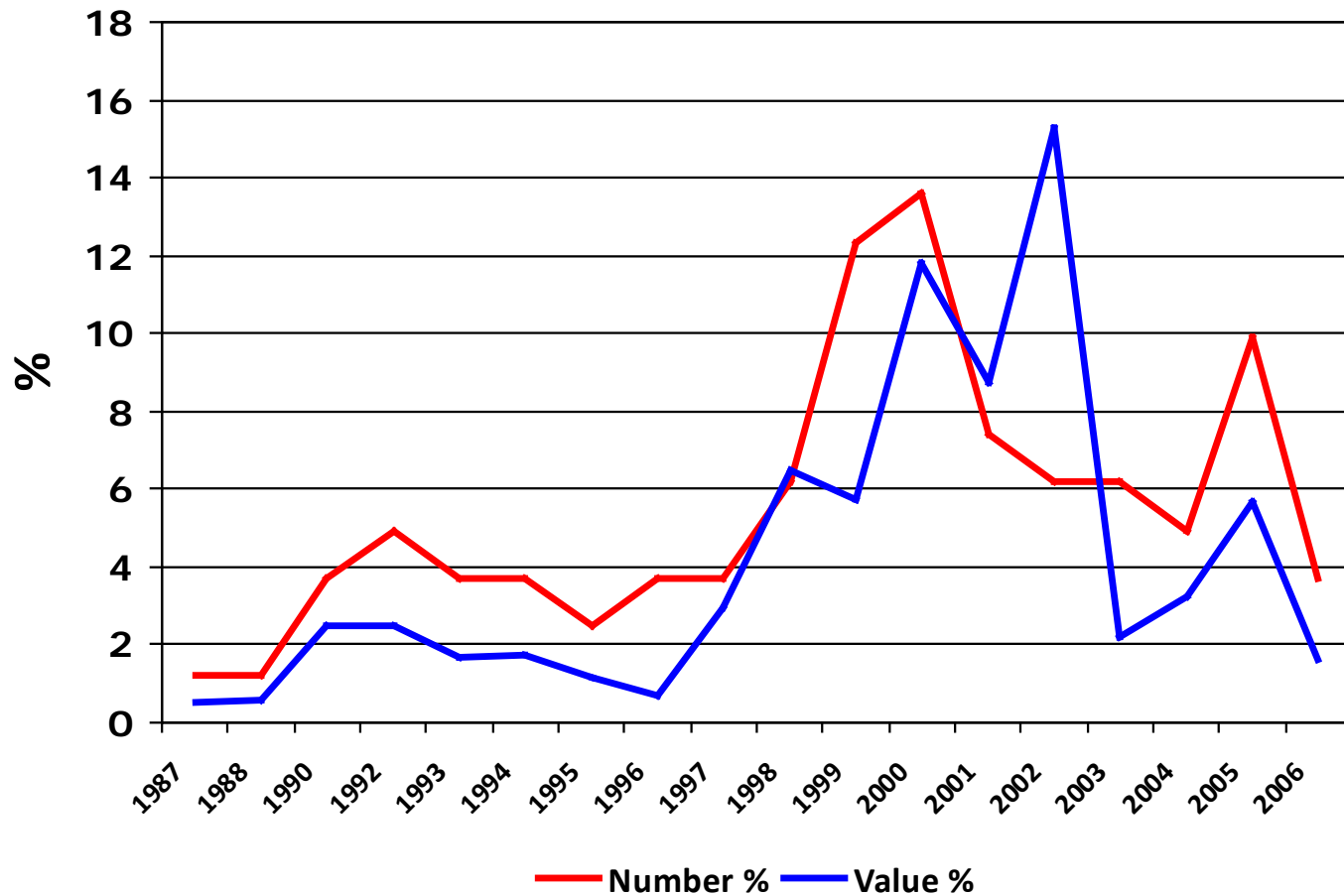
Large Personal Injury Claims by Accident Type (Av Value)



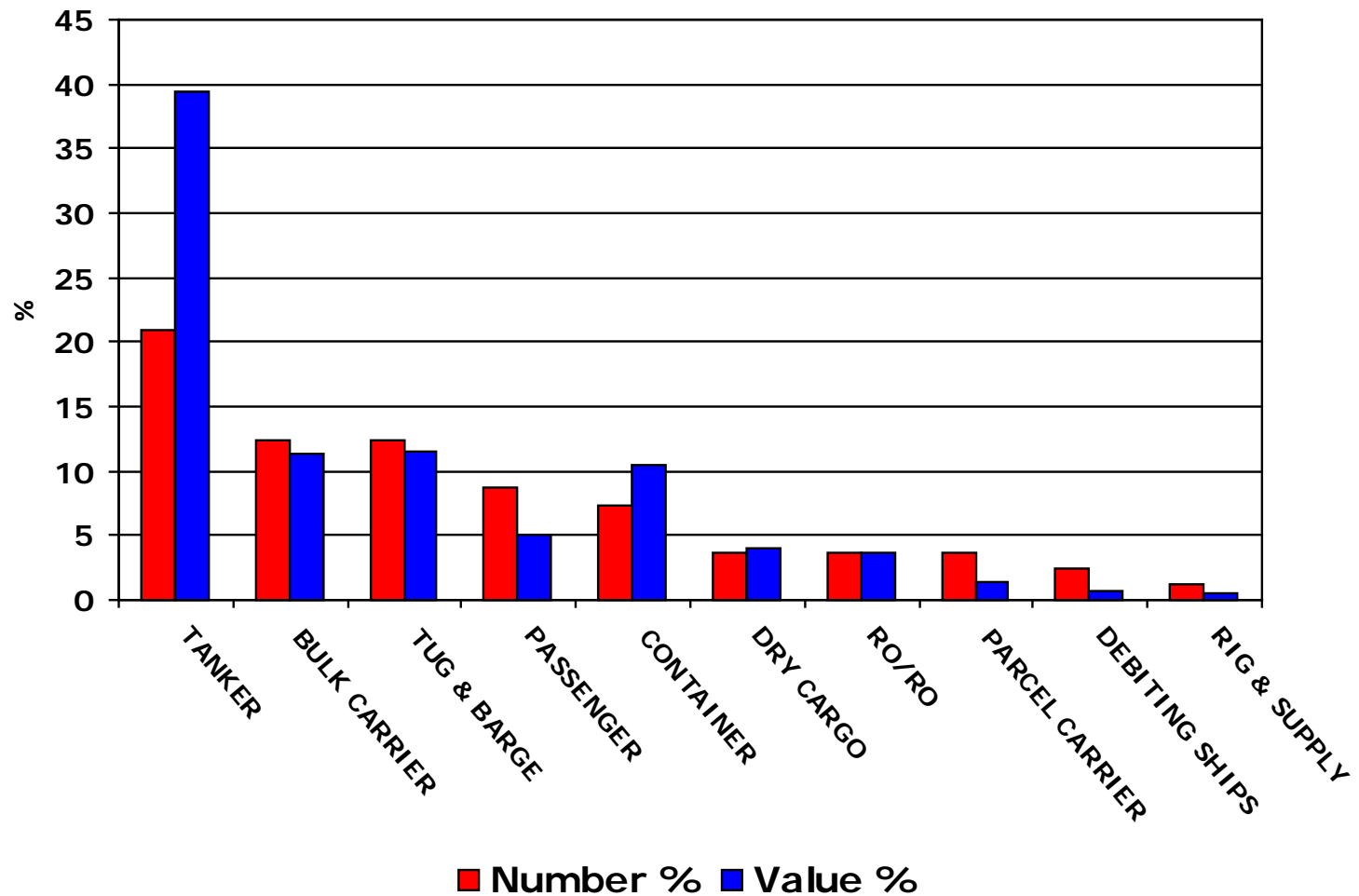
3rd most expensive claim by av value

81 claims value 34.65\$m

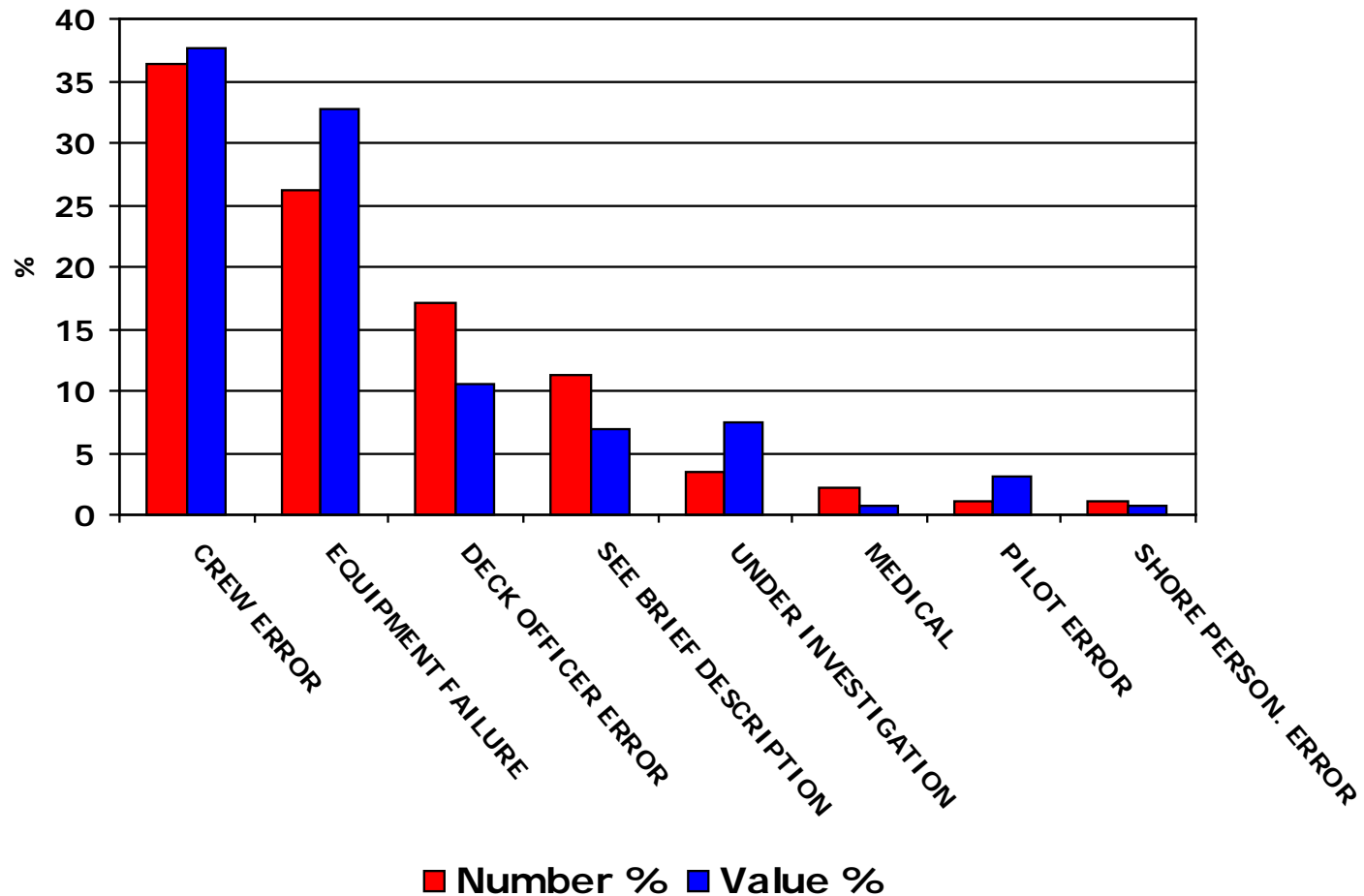
Large Mooring Incidents Trend



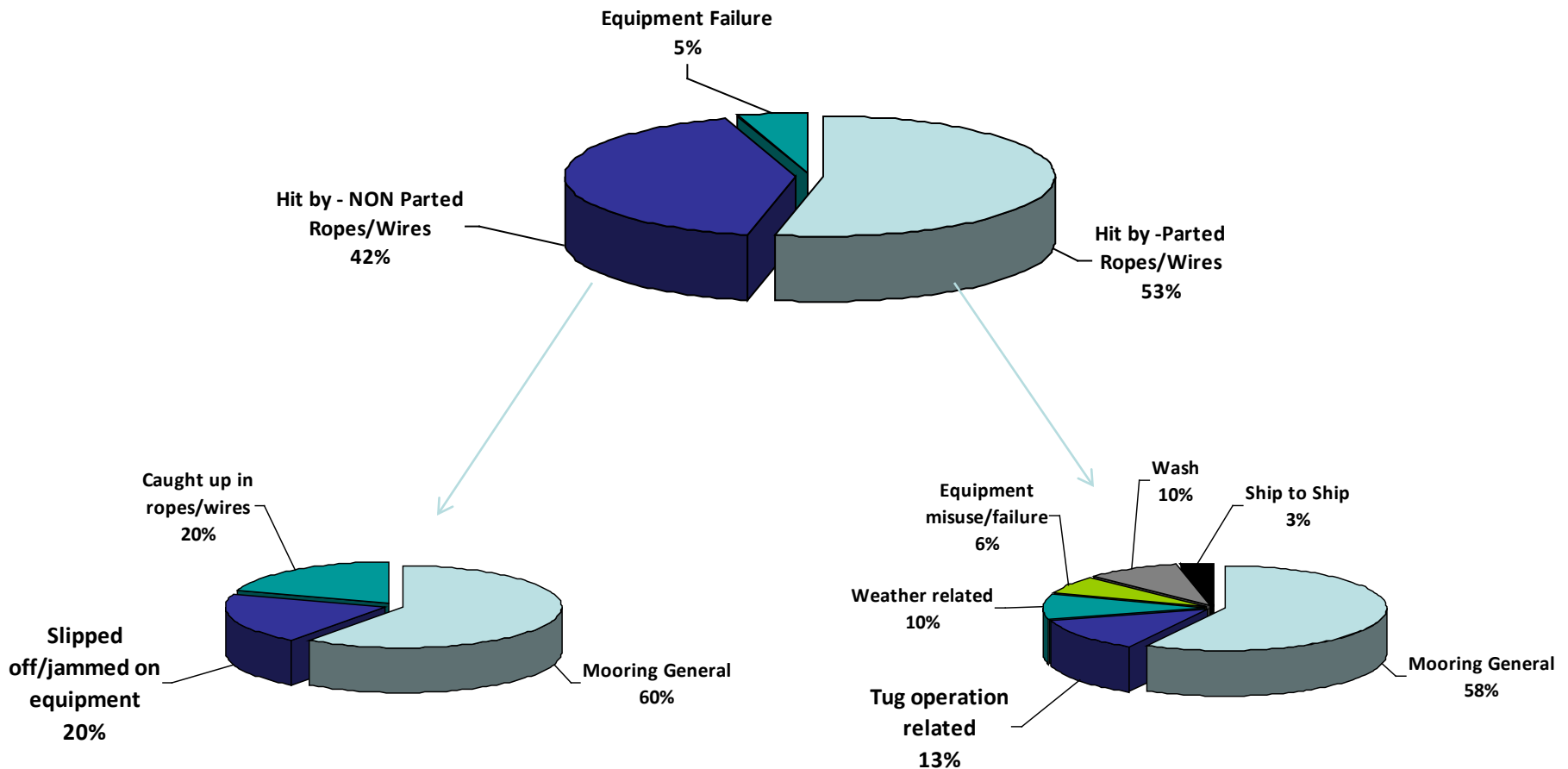
Large Mooring Incident Claims by Tradeband



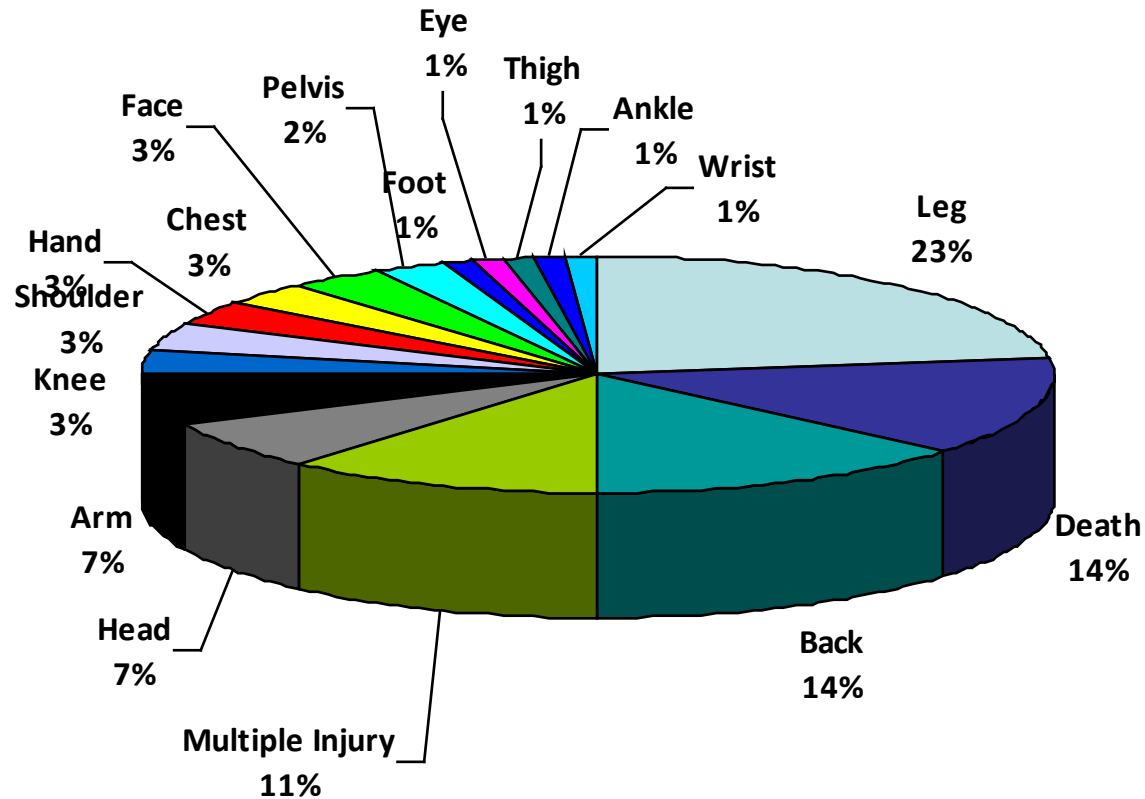
Large Mooring Incident Claims by Cause



Causes in detail

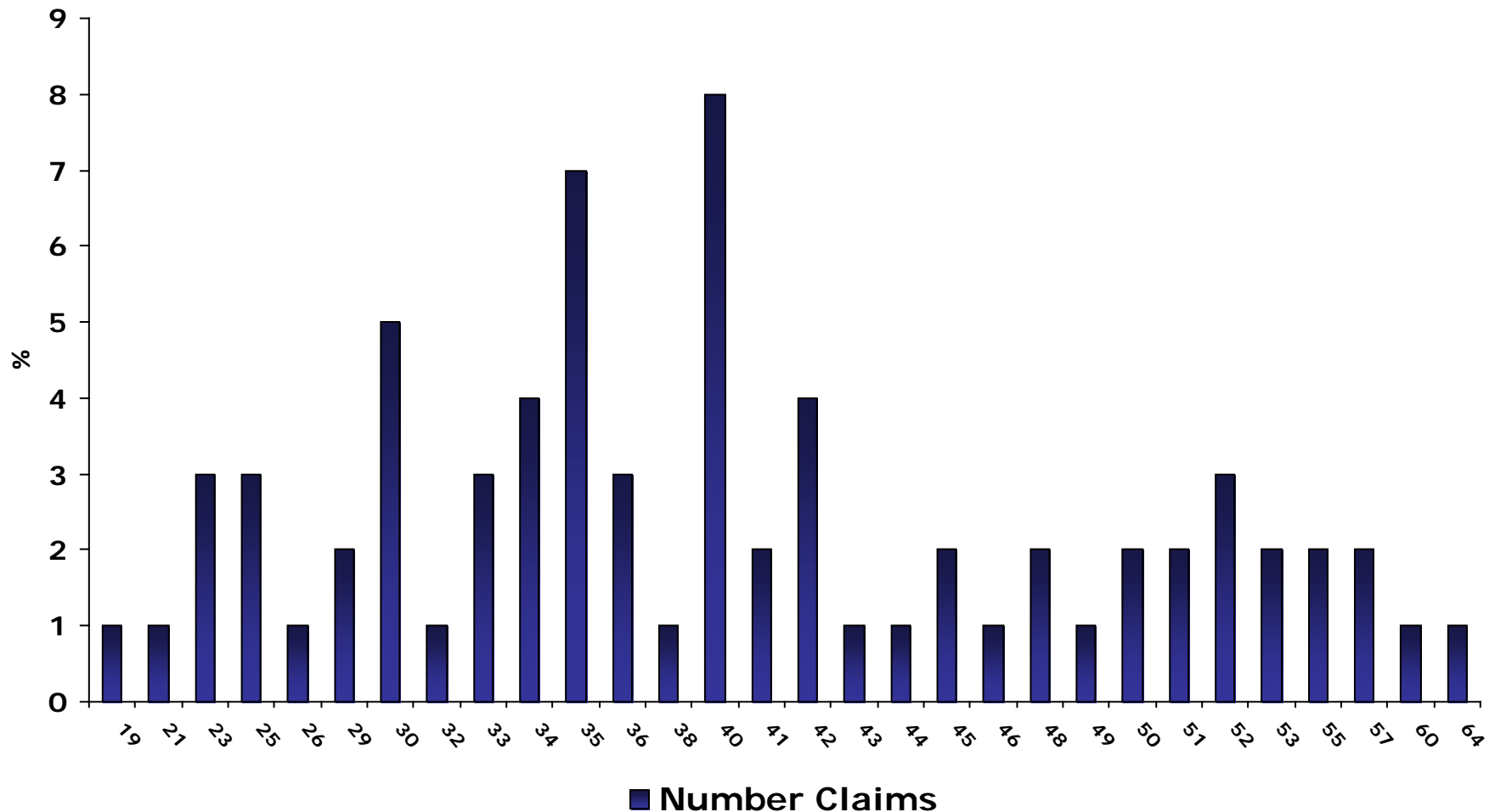


Type of Injury From Mooring Incidents



Large Mooring Incident Claims by Age of Person Injured

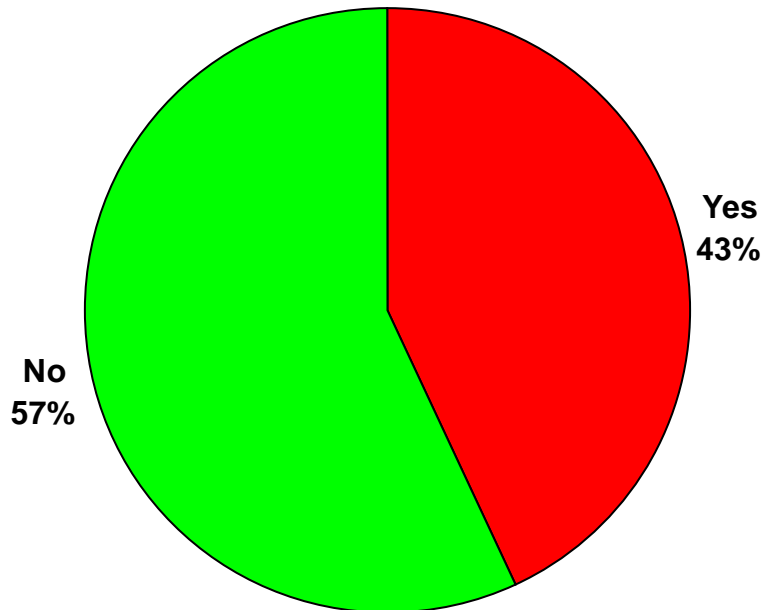
Experienced as well as inexperienced ?



Mooring Data Collection Exercise

Sample: 94 Vessels inspected between February and June 2009

Are non deck crew used for mooring ?



UK P&I CLUB 

**Five minutes saved
A lifetime to pay**

Mooring demands more care



UK P&I CLUB
IS MANAGED
BY THOMAS
MILLER

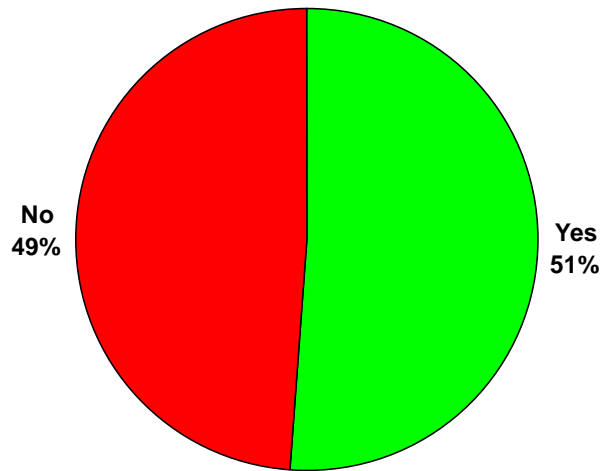
Less than 50% carry out annual brake tests



Most ships do not have fully non slip decks



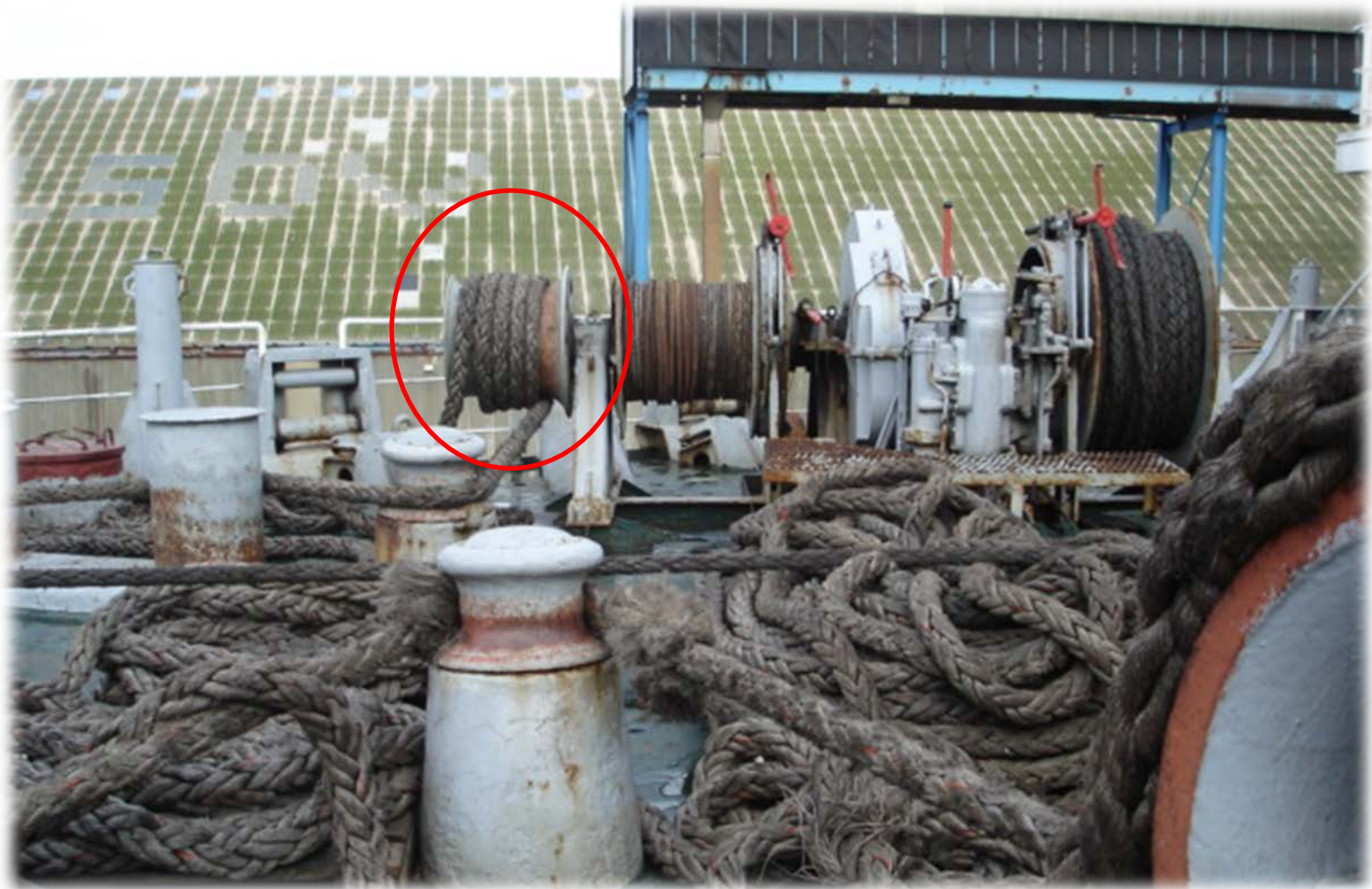
Are heave-in/slack-out directions clearly marked on winch handles?



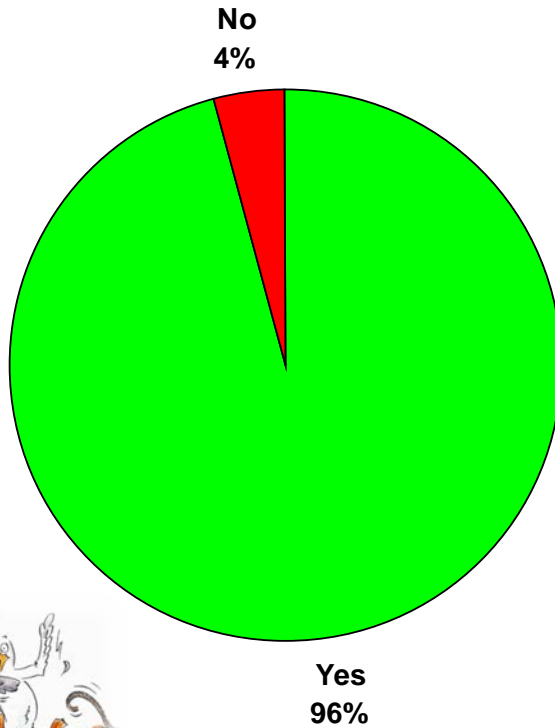
27% of vessels keep moorings on drum ends



27% of vessels keep moorings on drum ends



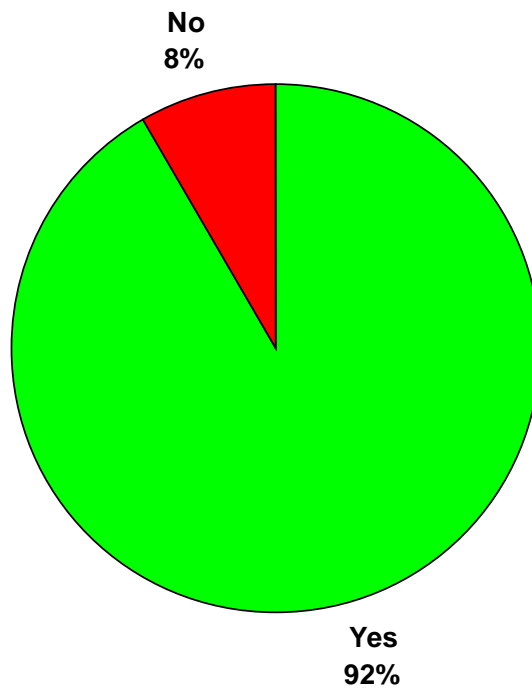
Are fairleads and rollers free and regularly greased?



22% ropes not made up to bitts correctly



Are the correct stoppers being used?



11% mooring procedures not adequate



Procedures not adequate



Procedures not adequate



Procedures not adequate



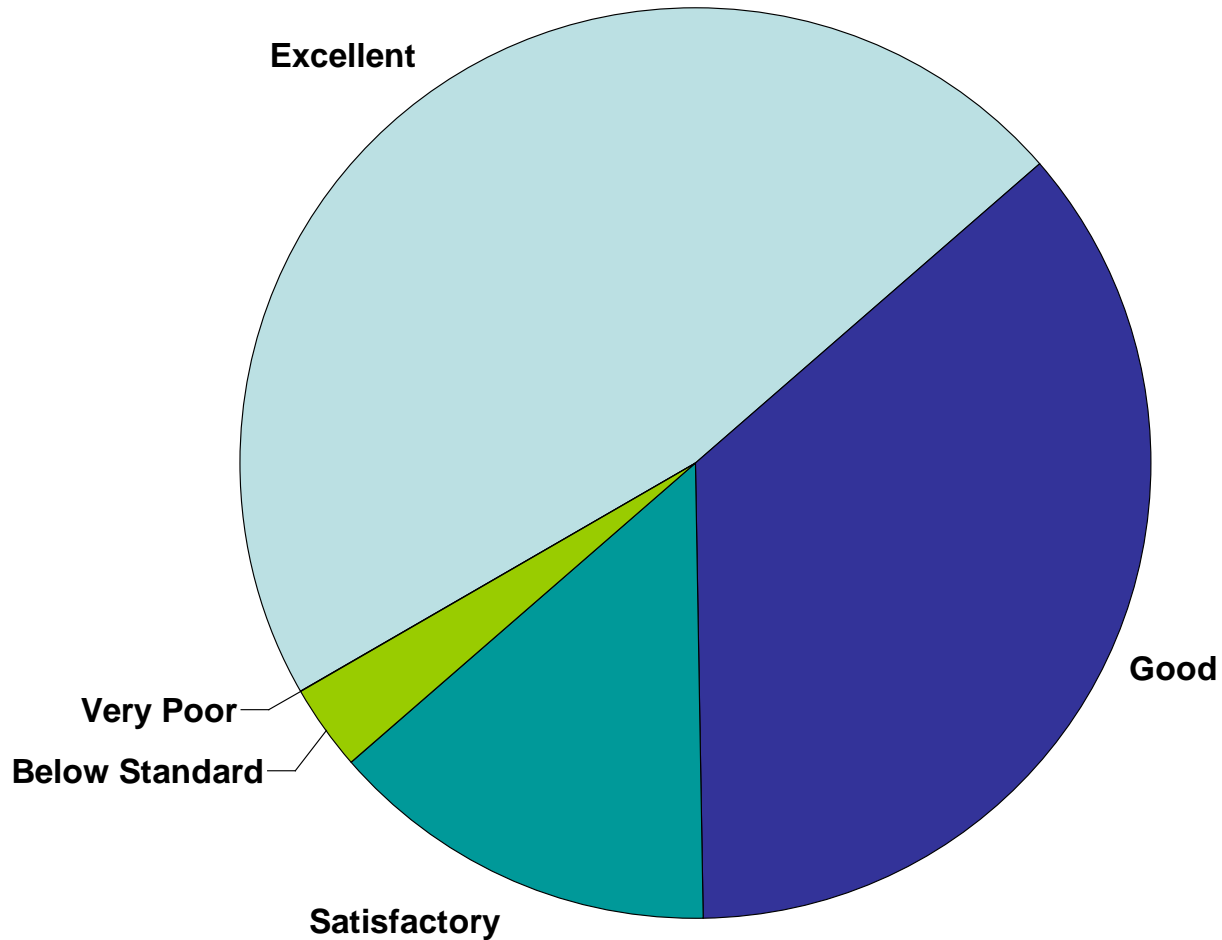
Which do you let go first ?



Hands Free ?



What is the condition of ropes/mooring links/wires?



Mooring Study Preliminary Findings

Sample: 94 Vessels inspected between February and June 2009

Key Issues Raised:

- 43% of vessels use non deck crew during mooring operations
 - Controls
 - Training - are non deck crew aware of risks ?
- A small number of vessels admitted to only using two seafarers for mooring operations.
 - Controls

Mooring Incidents

